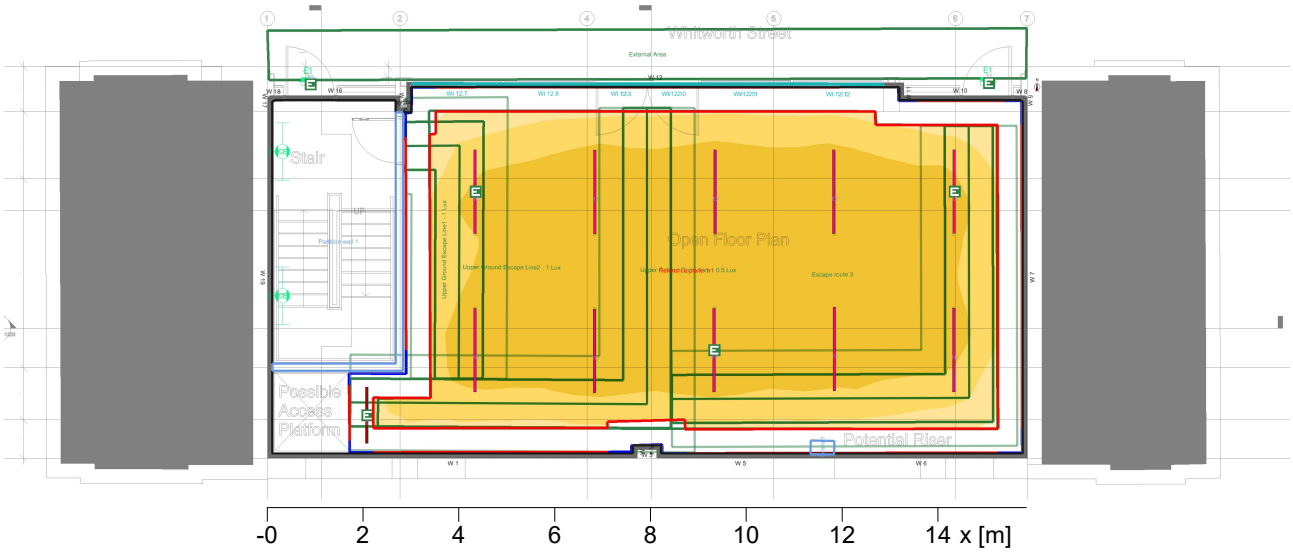
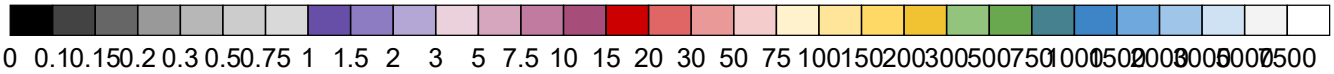
Object : Whitworth Street
Installation :
Project number : 241445
Date : 31.07.2026

1 Upper Ground Floor

1.1 Summary, Upper Ground Floor

1.1.1 Result overview, Upper Ground Open Area





Illuminance [lx]

General

Calculation algorithm used	Average indirect fraction
Maintenance factor	0.80
Total luminous flux	34272.00 lm
Total power	288.7 W
Total power per area (98.73 m²)	2.92 W/m² (1.35 W/m²/100lx)

Upper Ground Open Area	**Reference plane 1.1**	
	Horizontal	cylindrical
$\bar{E}_m$	216 lx	65 lx
E_{min}	149 lx	40 lx
$E_{min}/\bar{E}_m$ (U_o)	0.69	0.61
E_{min}/E_{max} (U_d)	0.57	
E_z/E_h		0.28
Position	0.75 m	1.20 m
R_{UG} (3.7H 7.6H)	<=26.2	

Luminaire :
(Vogue 53mm x 1740mm LO 3213Lm 26.9cW 4000K Ra80+ Opal,)

Major surfaces	$\bar{E}_m$	U_o
M 1.823 (Ceiling)	2.3 lx	0.19
M 1.815 (Wall)	98 lx	0.73
M 1.817 (Wall)	155 lx	0.25
M 1.818 (Wall)	89.4 lx	0.56
M 1.819 (Wall)	81.6 lx	0.48
M 1.820 (Wall)	92.5 lx	0.43
M 1.821 (Wall)	80.2 lx	0.46

1 Upper Ground Floor

1.1 Summary, Upper Ground Floor

1.1.1 Result overview, Upper Ground Open Area

M 1.822 (Wall)	83.5 lx	0.48

Type No.\Make

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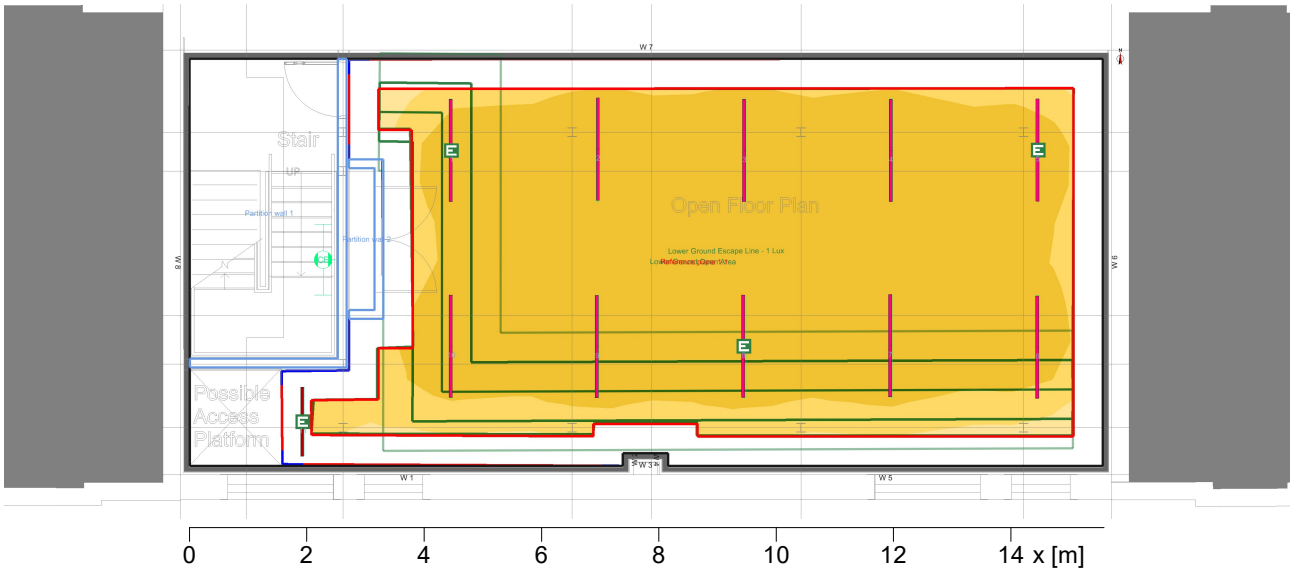
3 10E x
Order No. :
Luminaire name : Vogue 53mm x 1740mm LO 3213Lm 26.9cW 4000K Ra80+ Opal
Equipment : 1 x LED 26.9 W / 3213 lm
Emergency : 320 lm (10.0 %)

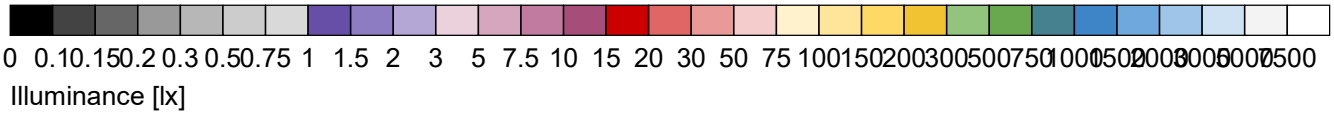
4 1E x
Order No. : -- Emergency Lighting --
Luminaire name : Vogue 53mm x 1170mm LO 2142Lm 19.7cW 4000K Ra80+ Opal
Equipment : 1 x LED 19.7 W / 2142 lm
Emergency : 214 lm (10.0 %)

2 Lower Ground Floor

2.1 Summary, Lower Ground Floor

2.1.1 Result overview, Lower Ground Open Area





General

Calculation algorithm used	Average indirect fraction
Height of luminaire plane	2.30 m
Maintenance factor	0.80
Total luminous flux	34272.00 lm
Total power	288.7 W
Total power per area (88.79 m²)	3.25 W/m² (1.40 W/m²/100lx)

Lower Ground Open Area	**Reference plane 1.1**	
	Horizontal	cylindrical
$\bar{E}_m$	232 lx	70 lx
E_{min}	144 lx	37 lx
$E_{min}/\bar{E}_m$ (U_o)	0.62	0.53
E_{min}/E_{max} (U_d)	0.51	
E_z/E_h		0.27
Position	0.00 m	0.45 m
R_{UG} (6.5H 12.0H)	<=26.5	

Luminaire :
(Vogue 53mm x 1740mm LO 3213Lm 26.9cW 4000K Ra80+ Opal,)
Hints:
- At least one of the room dimensions has been limited to 12H.

Major surfaces	$\bar{E}_m$	U_o
M 1.488 (Ceiling)	0 lx	0.63
M 1.1 (Wall)	88 lx	0.32
M 1.482 (Wall)	80 lx	0.35
M 1.483 (Wall)	113 lx	0.24

2 Lower Ground Floor

2.1 Summary, Lower Ground Floor

2.1.1 Result overview, Lower Ground Open Area

M 1.484 (Wall)	111 lx	0.20
M 1.485 (Wall)	59 lx	0.25
M 1.486 (Wall)	0 lx	---
M 1.487 (Wall)	227 lx	0.25

Type No.\Make

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3 10E x
Order No. :
Luminaire name : Vogue 53mm x 1740mm LO 3213Lm 26.9cW 4000K Ra80+ Opal
Equipment : 1 x LED 26.9 W / 3213 lm
Emergency : 320 lm (10.0 %)

4 1E x
Order No. : -- Emergency Lighting --
Luminaire name : Vogue 53mm x 1170mm LO 2142Lm 19.7cW 4000K Ra80+ Opal
Equipment : 1 x LED 19.7 W / 2142 lm
Emergency : 214 lm (10.0 %)